

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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1

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Application Number

Filing Date

HEREWITH

First Named Inventor

Baker, Jr., Clark R., et. al.

Art Unit

Examiner Name

Attorney Docket Number

09103-009632US

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
26	1	US-3,647,299	03/07/1972	Lavallee	
	2	US-3,704,706	12/05/1972	Hertzfeld et al.	
	3	US-4,063,551	12/20/1977	Sweeney	
	4	US-4,086,915	05/02/1978	Kofsky et al.	
	5	US-4,095,117	06/13/1978	Nagy	
	6	US-4,407,280	10/04/1983	Wilber	
	7	US-4,537,200	08/27/1985	Widrow	
	8	US-4,549,551	10/29/1985	Dyck et al.	
	9	US-4,621,643	11/11/1986	New, Jr., et al.	
	10	US-4,649,505	03/10/1987	Zinser, Jr. et al.	
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	12	US-4,705,049	11/10/1987	John	
	13	US-4,723,294	02/02/1988	Taguchi	
	14	US-4,763,282	08/09/1988	Rosenberg	
	15	US-4,770,179	09/13/1988	New, Jr., et al.	
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	24	US-4,863,265	09/05/1989	Flower et al.	
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	26	US-4,869,253	09/26/1989	Craig, Jr. et al.	
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	31	US-4,911,167	03/27/1990	Corenman et al.	
	32	US-4,927,264	05/22/1990	Shiga et al.	
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	37	US-4,955,379	09/11/1990	Hall	
38	38	US-4,956,867	09/11/1990	Zurek et al.	

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2

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EB	39	US-4,958,638	09/25/1990	Sharpe et al.	
	40	US-4,960,126	10/02/1990	Conlon et al.	
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	47	US-5,267,562	12/07/1993	Ukawa et al.	
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	67	US-6,157,850	12/05/2000	Diab et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
EB	68	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	02/28/1985			<input type="checkbox"/>
EB	69	DE	3328862	A1	11/15/1988			<input type="checkbox"/>

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
<i>EB</i>	70	GB	2 166 326		04/30/1986			<input type="checkbox"/>
<i>EB</i>	71	GB	2 235 288		02/27/1991			<input type="checkbox"/>
<i>EB</i>	72	WO	92/15955	A1	09/17/1992			<input type="checkbox"/>
<i>EB</i>	73	SU	1674798	A1	09/07/1991			<input type="checkbox"/>

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		Attorney Docket Number	09103-009632US
Page	4	of	5

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
EB	74	BROWN, "Evaluation of Pulse Oximeters using Theoretical Models and Experimental Studies," Cover page-p.2 (1987)	
	75	BROWN, Robert Grover and HWANG, Patrick Y.C., <i>Introduction to Random Signals and Applied Kalman Filtering</i> , (2nd Ed.), (1992), pp. 231-232, 261, John Wiley & Sons, Inc., New York, NY	
	76	CHEN et al., "Adaptive System for Processing of Electrogastric Signals," <i>IEEE Engineering in Medicine & Biology Society, 11th Annual International Conference</i> , (1989), pp. 698-699	
	77	COHEN, A., <i>Biomedical Signal Processing, Volume I, Time and Frequency Domains Analysis</i> , pp. 152-159, CRC Press, Inc., Boca Raton, FL	
	78	HARRIS et al., "Digital Signal Processing with Efficient Polyphase Recursive All-Pass Filters," <i>International Conf. on Signal Processing</i> , (1981), Florence, Italy	
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	80	JINZHENG et al., "Digital Processing of High-Resolution Electrocardiograms-Detection of His-Purkinje Activity from the Body Surface," <i>Biomed. Technik</i> , 33(10):224-230 (1988)	
	81	KLIMASIAUSKAS, "Neural Nets and Noise Filtering," <i>Dr. Dobbs Journal</i> , 14(1):32-48 (1989)	
	82	MOOK et al., "Wavelength dependency of the spectrophotometric determination of blood oxygen saturation," <i>Clinical Chemistry Acta</i> , 26:170-173 (1969)	
	83	MOOK et al., "Spectrophotometric determination of oxygen saturation of blood independent of the presence of indocyanine green," <i>Cardiovascular Research</i> , (1979) 13:233-237	
	84	NEHORAI, A., "A Minimal Parameter Adaptive Notch Filter with Constrained Poles and Zeros," <i>IEEE on Acoustics, Speech, and Signal Processing</i> , (1985), pp. 983-996, Vol. 33, No. 4	
	85	NEHORAI, A. and PORAT, B., "Adaptive Comb Filtering for Harmonic Signal Enhancement," <i>IEEE on Acoustics, Speech, and Signal Processing</i> , (1986), pp. 1124-1138, Vol. 14, No. 5	
	86	NEUMAN, "Pulse Oximetry: Physical Principles, Technical Realization and Present Limitations," <i>CONTINUOUS TRANSCUTANEOUS MONITORING</i> , (1987), pp. 135-144	
	87	RABINER et al., "Theory and Application of Digital Signal Processing," (1975), p. 280, Prentice Hall, Inc., Englewood Cliffs, NJ	
EB	88	SEVERINGHAUS, "Pulse Oximetry Uses and Limitations," ASA Convention in New Orleans, LA (1989), pp. 1-3	

Examiner Signature		Date Considered	02/07/06
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		First Named Inventor	Baker, Jr., Clark R., et. al.
		Art Unit	
		Examiner Name	
Page 5 of 5	Attorney Docket Number	09103-009632US	

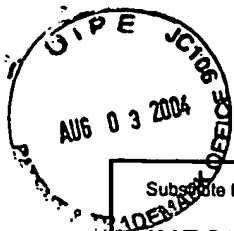
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EB	89	STRANG, Gilbert, <i>Introduction to Applied Mathematics</i> , (1986), pp.148-152, Wellesley Cambridge Press, Wellesley, MA	
EB	90	VARANINI et al., "A Two-Channel Adaptive Filtering Approach for Recognition of the QRS Morphology," <i>COMPUTERS IN CARDIOLOGY</i> , IEEE Computer Society Press, (1992), pp. 141-144	

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		Application Number	10/806,647		
		Filing Date	March 22, 2004		
		First Named Inventor	Clark R. Baker, Jr.		
		Art Unit	3736		
		Examiner Name	Unassigned		
Sheet	1	of	1	Attorney Docket Number	009103-009632US

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EH	1	Testimony of Mohammed Diab, Testimony of Jack Goldberg, Reporter's Transcript of Proceedings, Morning Session, Feb. 24, 2004, pp. 626-710, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	
	2	Testimony of Jack Goldberg, Reporter's Transcript of Proceedings, Afternoon Session, Feb. 24, 2004, pp. 711-806, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	
	3	Testimony of Jack Goldberg, Reporter's Transcript of Proceedings, Morning Session, Feb. 25, 2004, pp. 807-826, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	
	4	Joint Exhibits: JTX-5009, JTX-5010, JTX-5013, JTX-5014, JTX-5015, JTX-5017, JTX-5021, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	
	5	Testimony of James Edward Corenman, Testimony of Clark Raymond Baker, Jr., Testimony of Robert Thomas Stone, Reporter's Transcript of Proceedings, Afternoon Session, March 3, 2004, pp. 1696-1795, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	
SB	6	Testimony of Robert Thomas Stone, Reporter's Transcript of Proceedings, Morning Session, March 4, 2004, pp. 1796-1884, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	

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